



**PHINEAS BANNING HIGH SCHOOL**  
**“HOME OF THE PILOTS”**



March 12, 2020

Banning Students,

In case LAUSD schools have to close due to the Coronavirus epidemic and in order to keep continuity in your learning, you will be expected to work on the assignments below. All additional assignments can be found on Schoology at [lms.lausd.net](https://lms.lausd.net) or on the Banning HS website at <https://www.banninghs.org/>

You are responsible to access the lessons and complete the work. If you have questions, please contact your teacher via Schoology.

**HOW TO ACCESS THE LESSONS:**

**Banning HS Website**

- Go to: <https://www.banninghs.org/>
- Click on the tab: STUDENTS
- Select: Classes/Homework
- Select a Subject (Math, English, Social Studies, Science,...)
- Select your teacher
- Assignments will be posted under each teacher and my course

**Schoology Resources**

- Log In: [lms.lausd.net](https://lms.lausd.net)
- Getting Started on Schoology for Students [bit.ly/StudentGettingStarted](https://bit.ly/StudentGettingStarted)
- K2 Students, sign into Schoology in a simplified way with QR Codes: [bit.ly/PLSStudentQRcodes](https://bit.ly/PLSStudentQRcodes)

Tap into your Habits of Mind:

- Thinking Flexibly
- Remain open to continuous learning
- Manage Impulsivity

**Remember, PILOTS are resilient!!!**



# Instructional Continuity

LA Unified is committed to ensuring the health and well-being of students and staff and providing a safe, secure learning environment for all. In the event of a school closure, please refer to the following resources to help you continue your learning while at home.

## STUDENT RESOURCES

### General Resources

- Access to **LAUSD Digital Library & LAUSD Destiny** resources
  - Available in Schoology's Top App Menu
  - Also available at [achieve.lausd.net/Page/15747](https://achieve.lausd.net/Page/15747)
- Edgenuity [www.edgenuity.com/lausd/](https://www.edgenuity.com/lausd/)
  - Edgenuity Live Sessions: [bit.ly/EdgenuityLiveSchedule](https://bit.ly/EdgenuityLiveSchedule)
  - Elementary Quick Start: [bit.ly/ESEdgenunity](https://bit.ly/ESEdgenunity)
  - Middle School Quick Start: [bit.ly/MSEdgenunity](https://bit.ly/MSEdgenunity)
  - High School Quick Start: [bit.ly/HSEdgenunity](https://bit.ly/HSEdgenunity)
- PBS Learning Media: [ca.pbslearningmedia.org/](https://ca.pbslearningmedia.org/)
- Khan Academy:
  - General Practice for K-12: [khanacademy.org](https://khanacademy.org)
  - SAT and ACT Practice for Grade 10 and 11: [bit.ly/38y3xNc](https://bit.ly/38y3xNc)
- KLCS [klcs.org](https://klcs.org)



### Schoology Resources

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### Troubleshooting

- Contact LAUSD Hotline Support at **213-443-1300** for:
  - Student PIN
  - Password Reset

### Support

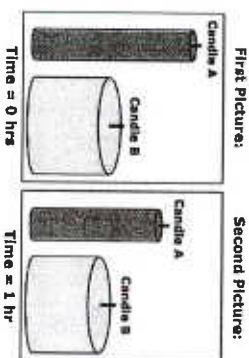
- LAUSD COVID-19 News: [achieve.lausd.net/latestnews](https://achieve.lausd.net/latestnews)

## Performance Task #1

### LIGHTS, CANDLES, ACTION!

Your friend Abbie is making a movie. She is filming a fancy dinner scene and she has two types of candles on the table. She wants to determine how long the candles will last.

She takes a picture, lights the candles, and then lets them burn for 1 hour. She then takes a second picture. You can assume that each candle burns at its own constant rate.



Candle Type A initial height = 20 cm  
Candle Type B initial height = 10 cm

Candle Type A height after burning for 1 hour = 16 cm  
Candle Type B height after burning for 1 hour = 9 cm

You will use this information to help Abbie think about the candles she might use for her film.

1. Candles A and B are lit at the same time. What will be the height, in cm, of each candle after 3 hours of burning?

Candle Type A:

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Candle Type B:

--

2. Candles of each type were lit at the same time. Abbie thinks that since Candle Type A burns more quickly than Candle Type B, that it will burn out (have a height of 0 cm) first.  
Julie thinks that since Candle Type B starts out much shorter than Candle Type A, it will be the candle to burn out first.  
Which candle will burn out first? Give a mathematical explanation to convince Abbie and Julie of your solution. Clearly identify the quantities involved.

3. Abbie has 3 hours left to film. She lights a new Candle Type A and Candle Type B and then starts filming. In the 3 hours she has left, will Abbie capture the moment when the candles are exactly the same height? Explain to Abbie how you can determine the answer.

5. Now, choose either Candle A or Candle B to create an equation that will tell Abbie the height of the candle at  $t$  hours after it is lit. Determine what the numerical values for  $k$  and  $n$  should be for the candle you chose.  
Using these  $k$  and  $n$  values, write an equation that tells Abbie the height  $h$  of the candle, in cm, at  $t$  hours after it is lit.

6. For her next film, Abbie wants candles that will burn for exactly 8 hours. You want to give her a choice by designing two different candles (Type C and Type D). Using the equation  $h = k + nt$ , determine two different pairs of values for  $k$  and  $n$  that will meet the requirement to burn down to a height of 0 cm in exactly 8 hours.  
Complete the table to show two possible sets of values for  $k$  and  $n$  for your new candle designs.

Candle Type C	$k$	$n$
Candle Type D		

## Attack the Prompt

### Directions:

**Step 1:** Read the prompt and circle and number any words that tell you to do something (describe, write, etc.)

**Step 2:** Fill out the graphic organizer that follows the prompt

**Step 3:** Write a short constructed response that addresses the prompt.

**Prompt:** Today, in preparation for the school board meeting, you will write a multi-paragraph argumentative essay in which you take a stance on the topic of financial literacy courses. Make sure you establish an argumentative claim, address potential counterclaims, and support your claim from the sources you have read. Develop your ideas clearly, and use your own words, except when quoting directly from the sources. Be sure to reference the sources by title or number when using details or facts directly from the sources.

	Circled words that tell you to do something	What does the word ask you to do?
1		
2		
3		
4		
5		
6		
7		

**Prompt:** Your school is considering starting an internship program with different local businesses. Students would spend time in class learning about the field of work and then would spend some time working in an actual business. Students would receive elective credit for this program.

Do you think that an internship program should be offered in your school? Write a persuasive essay in support of your position to give to your principal. Make sure you write at least two paragraphs and include your position and supporting reasons.

	Circled words that tell you to do something	What does the word ask you to do?
1		
2		
3		
4		
5		
6		
7		